

FIG 1.

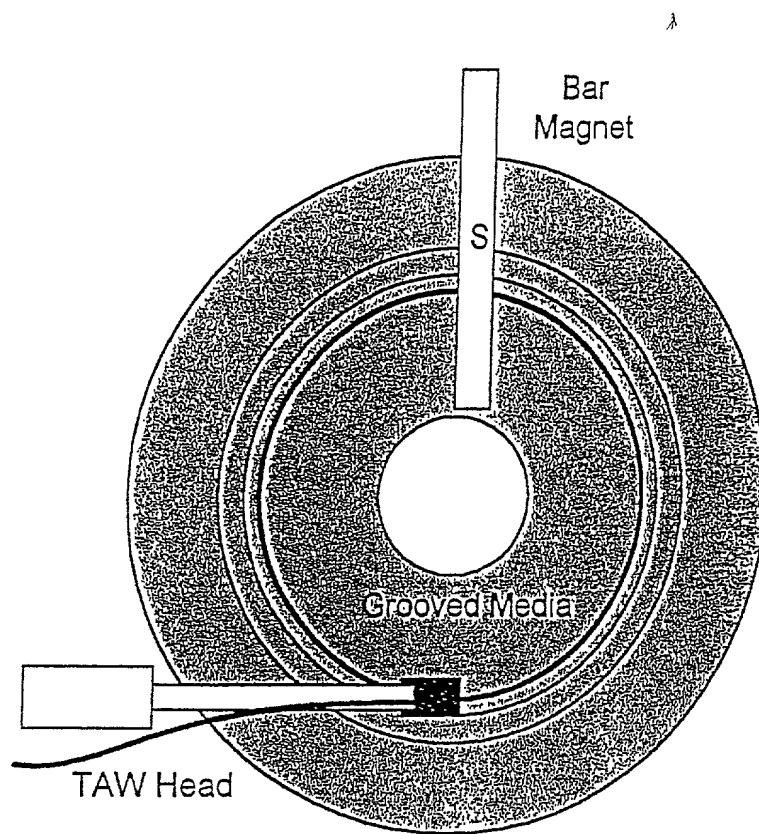


FIG 2

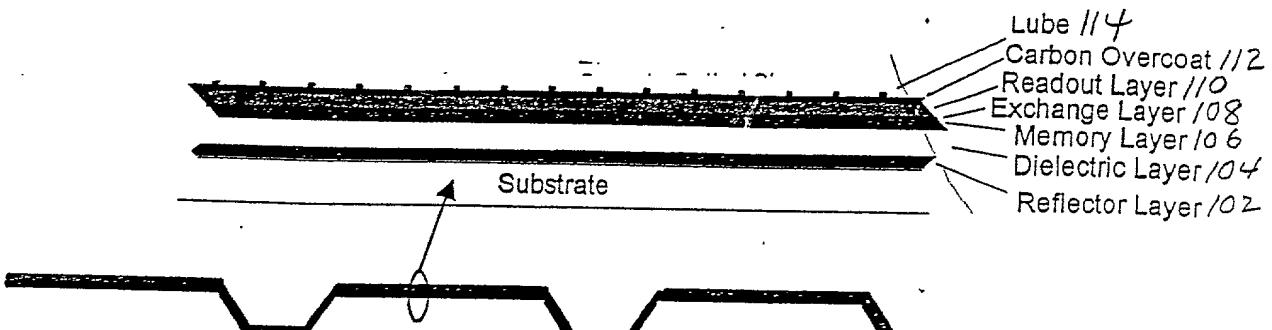


FIG. 3

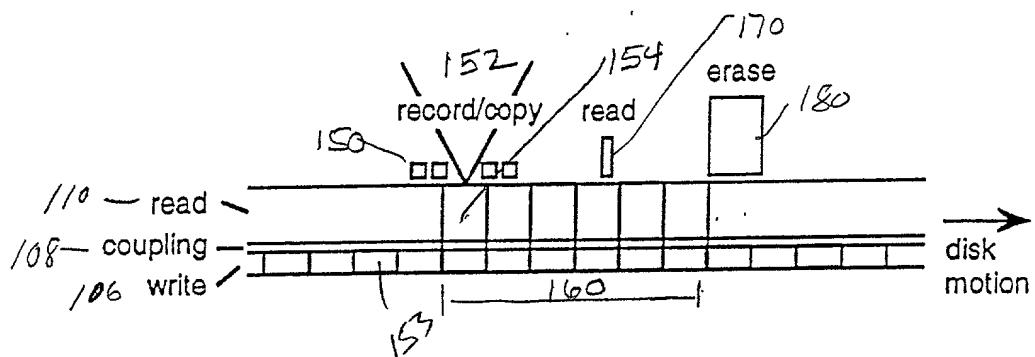


FIG. 5

(b) OAMR Media Thermal Profiles

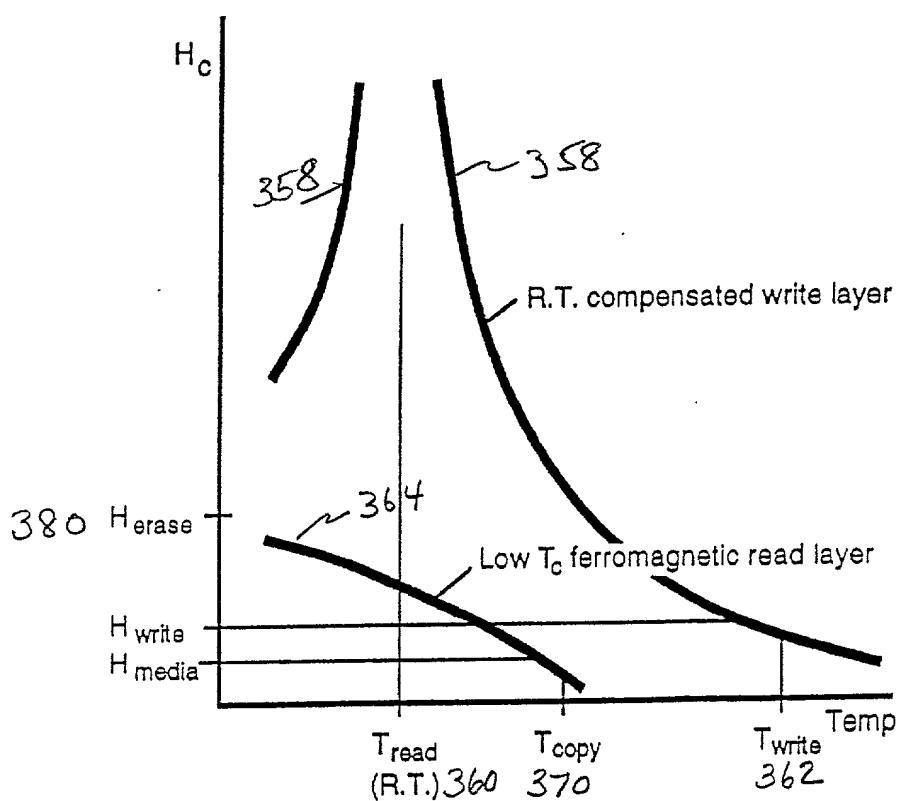


FIG. 4

OAMR TbFeCo/Pt/CoPt Media

Figure 6 shows the Kerr rotation and ellipticity for various media thicknesses.

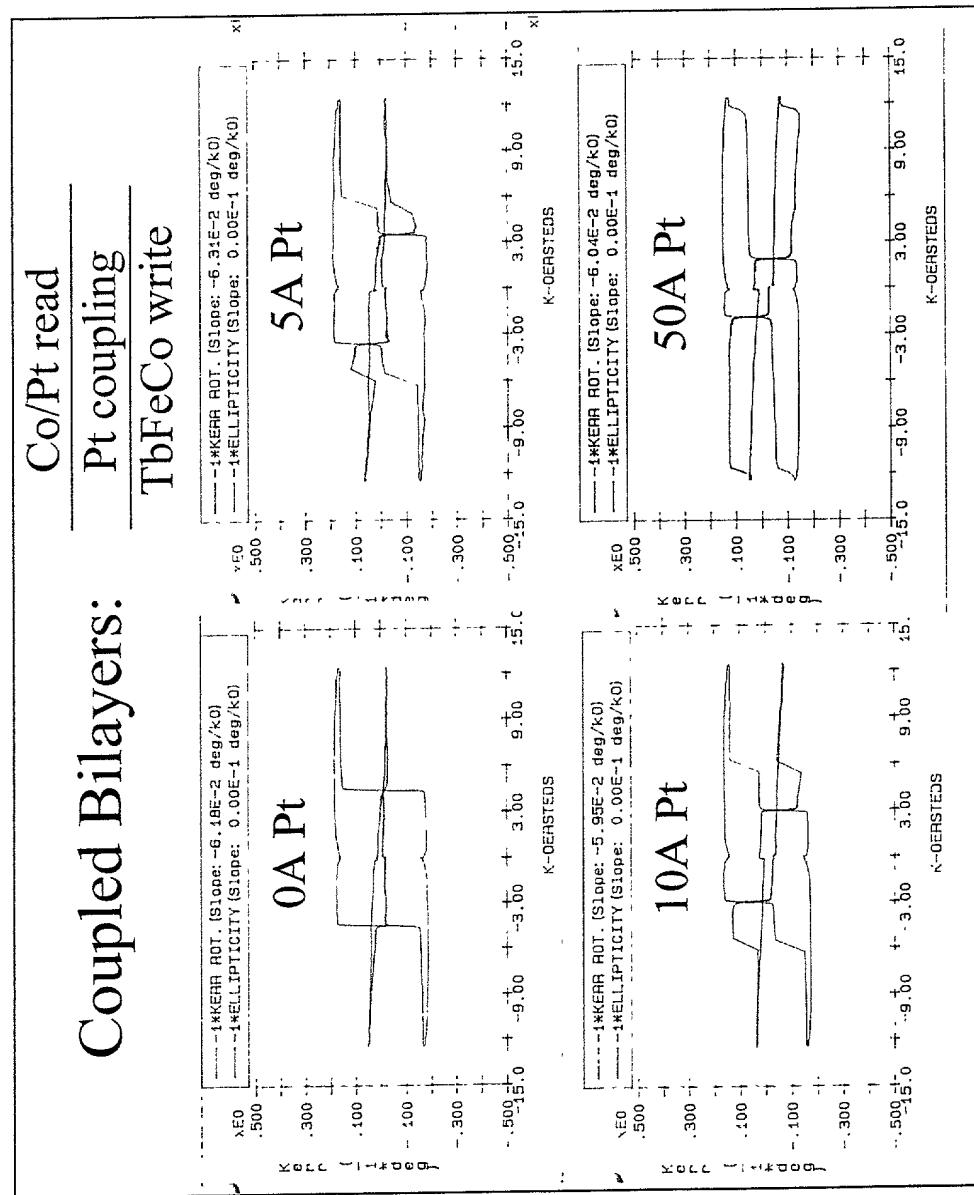


Fig. 6

Thermal Model - LIM Writing;
Compare Isotherms on Flat & Grooved Media; $v=30$ m/s
CUMULATIVE ΔT CONTOURS; $\Delta T=25$ K; $T_w=225$ K
 $v=30$; P_w to WRITE $0.4\mu\text{m}$ MARK; —— FLAT GROOVED

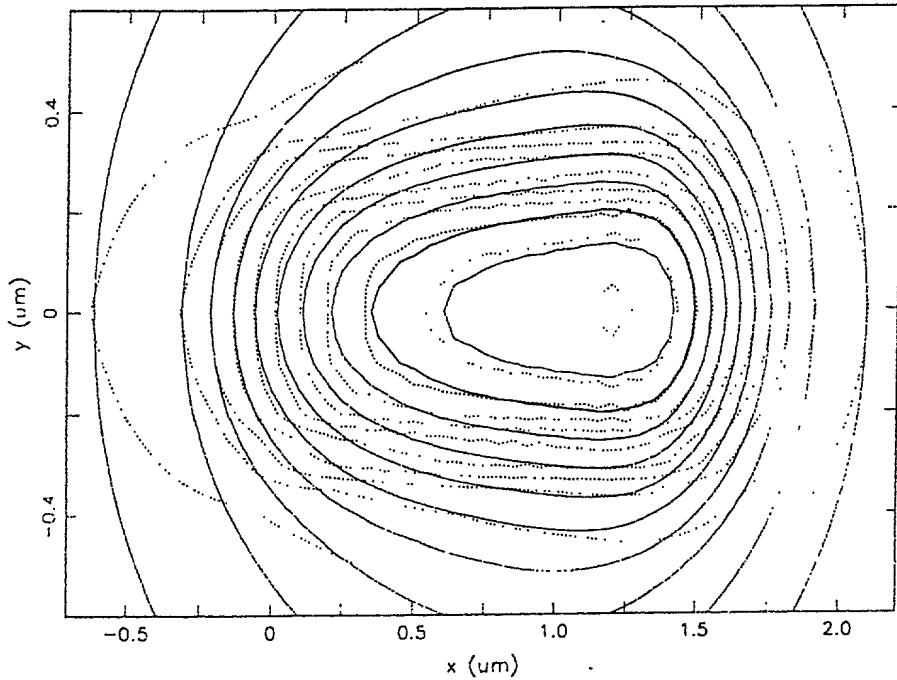


FIG. 7